Lifestyle Indices - Golf Index - v2

Domain Portfolio: Forecast | Domain: Lifestyle - Indices | Usage Classification: Standard

Geography: Global **Attribution Required:** n/a **Attribution Requirements:** n/a

Your content licensing agreement with TWC determines the number of days returned in the API response and is constrained by the API Key that is provided to your company.

Overview

The Forecast Indices API is sourced from the TWC Forecast system. The Golf Index provides an index of golfing weather conditions.

HTTP Headers and Data Lifetime - Caching and Expiration

For details on appropriate header values as well as caching and expiration definitions, please see **The Weather Company Data | API Common Usage Guide**.

URL Construction

Atomic API URL Examples:	
Golf Index - Daypart API	
Request by Geocode (Latitude & Longitude): Required Parameters: geocode, language, format https://api.weather.com/v2/indices/golf/daypart/<duration>?**geocode=33.74,-84.39**&language=en-US&format=<json>&**apiKey=yourApiKey**	**Aggregate Product Name**
https://api.weather.com/v2/indices/golf/daypart/3day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxGolfDaypart3
https://api.weather.com/v2/indices/golf/daypart/5day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxGolfDaypart3
https://api.weather.com/v2/indices/golf/daypart/7day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxGolfDaypart3
https://api.weather.com/v2/indices/golf/daypart/10day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxGolfDaypart3
https://api.weather.com/v2/indices/golf/daypart/15day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxGolfDaypart3
Request by Postal Code: Required Parameters: postalCode, countryCode, language, format https://api.weather.com/v2/indices/golf/daypart/<duration>?**postalCode=94608**&**countryCode=US**&format=<json>&language=en-US&**apiKey=yourApiKey**	**Aggregate Product Name**
https://api.weather.com/v2/indices/golf/daypart/3day?postalCode=94608&countryCode=US&format=json&language=en-US&apiKey=**yourApiKey**	v2idxGolfDaypart3
Golf Index - Hourly API	
Request by Geocode (Latitude & Longitude): Required Parameters: geocode, language, format https://api.weather.com/v2/indices/golf/hourly/<duration>?**geocode=33.74,-84.39**&language=en-US&format=<json>&**apiKey=yourApiKey**	**Aggregate Product Name**
https://api.weather.com/v2/indices/golf/hourly/24hour?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxGolfHourly24
https://api.weather.com/v2/indices/golf/hourly/48hour?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxGolfHourly48

https://api.weather.com/v2/indices/golf/hourly/72hour?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxGolfHourly72
https://api.weather.com/v2/indices/golf/hourly/120hour?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxGolfHourly120
https://api.weather.com/v2/indices/golf/hourly/240hour?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxGolfHourly240
https://api.weather.com/v2/indices/golf/hourly/360hour?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxGolfHourly360
Request by Postal Code: Required Parameters: postalCode, countryCode, language, format https://api.weather.com/v2/indices/golf/hourly/<duration>?**postalCode=94608**&**countryCode=US**&format=<json>&language=en-US&**apiKey=yourApiKey**	**Aggregate Product Name**
https://api.weather.com/v2/indices/golf/hourly/24hour?postalCode=94608&countryCode=US&format=json&language=en-US&apiKey=**yourApiKey**	v2idxGolfHourly24

Data Elements & Definitions

API Name	Field Name	Description	Type	Range	Sample	Nulls Allowed	Usage
Repeating Elements: Unique to Forecast							
	fcstValid	Time forecast is valid ... start of the forecast period, always 7am local time.	[epoch]		1369306800	N	Display As Provided
	fcstValidLocal	Time forecast is valid ... start of the forecast period, always 7am local time.	[ISO]		2013-05-23T07:00:00-0400	N	Display As Provided
Repeating Elements: Common Per Time Segment							
	num	Daypart Segment (12hour) - Sequential daypart number, where 1 = daytime of Day 0 Long - Range - Sequential hour number, where 1 = first available hour of forecast, usually <= 1hr from “now”	[integer]		21	N	Display As Provided
	dayInd	Day / Night Indicator	[string]	D, N	D	N	Display As Provided
Unique to Hourly Endpoints	dow	Forecast valid day of week	[string]		Wednesday	N	Display As Provided
Unique to Daypart Endpoints	daypartName	Name of 12hr daypart, not including day names in first 48hrs (Today, Tonight, Tomorrow, Tomorrow Night, Wednesday, Thursday, etc)	[string]		Tomorrow	N	Display As Provided
Atomic Indices							
Golf Index	golfCategory	12 Hour - 12hr daypart Golf Category. N/A (null) at NIGHT 1 Hour - Short-Range & Long Range Hourly Golf Category - N/A (null) at NIGHT	[string]		Very Poor	Y	Display As Provided
	golfIndex	12 Hour - 12hr daypart maximum Golf Index. N/A (null) at NIGHT 1 Hour - Short-Range & Long Range Hourly Golf Index - N/A (null) at NIGHT 0-2=Very Poor, 3=Poor, 4-5=Fair, 6-7=Good, 8-9=Very Good, 10=Excellent	[integer]	0-10	1	Y	Display As Provided

JSON Sample

JSON Sample - Hourly	JSON Sample - Daypart

{
"metadata": {},
"golfIndex1hour": { {//JSON payload },
"fcstValid": [], {//JSON payload },
"fcstValidLocal": [], {//JSON payload },
"num": [], {//JSON payload },
"dow": [], {//JSON payload },
"dayInd": [], {//JSON payload },
"golfIndex": [], {//JSON payload or null },
"golfCategory": [] {//JSON payload or null },
}
}
	{
	"metadata": {},
	"golfIndex12hour": {
	"fcstValid": [], {//JSON payload },
	"fcstValidLocal": [], {//JSON payload },
	"dayInd": [], {//JSON payload },
	"num": [], {//JSON payload },
	"daypartName": [], {//JSON payload },
	"golfIndex": [], {//JSON payload or null },
	"golfCategory": [] {//JSON payload or null },
	}
	}